

Recombinant Immunoglobulin E (IgE) Instruction Manual

SIPA440Po01

Sus scrofa; Porcine (Pig)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	50.5kDa
Accurate Molecular Mass	50kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser1~Lys424 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	7.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

SIQGPLVYPL TSCCKTGATS KTLGCLVRGY FPEPVTVTWD TGSLNSSTLT
FPAVQDSSSS LYTVTSQVTI LGEWTNQKLT CSVAHAANTT IRTITGCTKN
FTDPSLRFFY SSCDPHGDAQ ATIHLRCYIS GYTPGKMKVT WLVDGQEDRN
LFSYTAPDQL EGKLASTYSE VNITQGQWAS QITYTCQVSY YGFIYEKHAL
RCTAESEPRG VSAYLSPPTP LDLYVHKSPK LTCLVVVLAS SENVNLLWSR
ENKGGVILPP PGPPVIKPQF NGTFSATSTL PVNVSDWIEG ETYYCNVTHP
DLPKPILSI SKPGKRVTP EVYVLWSPDE LKKGRRTLTC LIQNFFPADI
SVLWLNRNDAP VQADRHSSTR PHKASDSLPS FFVYSRLVVS QSDWEQNKF
CEVIHEALPG SRTLQKEVSK NPGK

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

AGATTTGGGTGCGCTTGTAAACGTCGAGGCGTGAACTGGTGTGCGCTGATTTGGGAGGGTGAACGTGACTCGCGTACGGCAGCTGTGATAGCGCGGTCGACGT
SIQGPILVYPLITSCKTGTATSKTLGCLVRGTFPEPVTVTVDTGSIMSSLTTFPAVQDSSSSLYTVTSQVTI

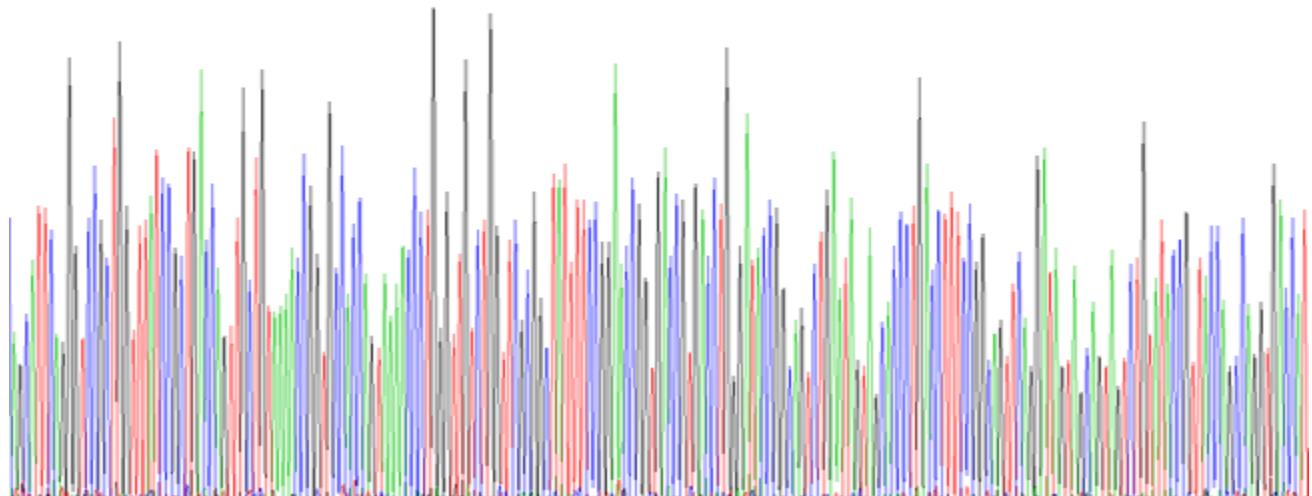


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

